2022 Legislature TPS Report 67426v1

Agency: Commerce, Community and Economic Development

Grants to Named Recipients (AS 37.05.316)

Grant Recipient: Bering Sea Fishermen's Association **Federal Tax ID:** 92-0074000

Project Title: **Project Type:** Planning and Research

Bering Sea Fishermen's Association - Integrating Genetic and Environmental Data for Predictive Models of Salmon Bycatch

State Funding Requested: $310,000 **House District:** 37 / S

One-Time Need

Brief Project Description:

Integrating genetic and environmental data to develop stock-specific predictive models of salmon bycatch

Funding Plan:

Total Project Cost:	$310,000
Funding Already Secured:	($0)
FY2023 State Funding Request:	($310,000)
Project Deficit:	$0

Funding Details:

2 years at a cost of $155,000/year

Detailed Project Description and Justification:

The overall objective is to explore quantitative models to investigate stock-specific distributions of chum salmon in the Bering Sea and to determine how different environmental variables influence these distributions. If these models are successfully developed, they can be used to predict how stock compositions are likely to change over a given fishing season given environmental conditions. Those data can then be integrated into in-season management to help inform the fleet where to fish to avoid certain stocks. These models can also be used to better understand the ecology of different salmon stocks and potentially predict how variable and changing environmental conditions could impact their distribution and productivity.

Project Timeline:

2023 $155,000

2024 $155,000

Entity Responsible for the Ongoing Operation and Maintenance of this Project:

Bering Sea Fishermen's Association

For use by Co-chair Staff Only:

3:00 PM 5/23/2022

Contact Name: Sen. Hoffman Staff
Contact Number: 9074654453

Grant Recipient Contact Information:

Name:	Karen Willis
Title:	Executive Director
Address:	821 N Street, Suite 103
	Anchorage, Alaska 99501
Phone Number:	(907)279-6519
Email:	karen@bsfaak.org

Has this project been through a public review process at the local level and is it a community priority? [X] Yes [ ] No

For use by Co-chair Staff Only:

3:00 PM 5/23/2022

Contact Name: Sen. Hoffman Staff
Contact Number: 9074654453